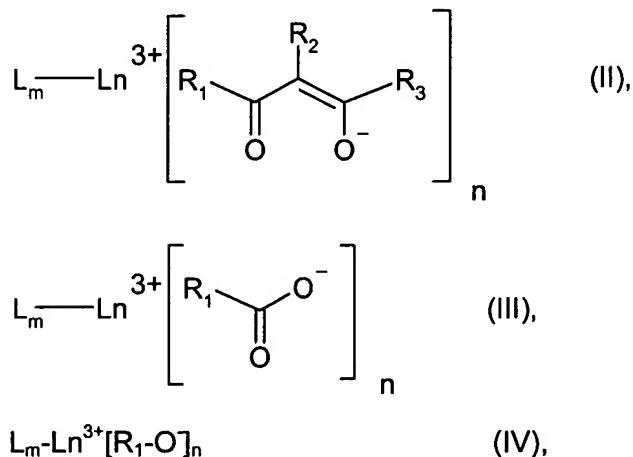


## IN THE CLAIMS

The text of all claims under examination is submitted, and the status of each is identified. This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (currently amended): A process for the preparation of luminescent polymeric fibres, wherein the fibres are treated with a composition comprising

(a) one or more luminescent lanthanide chelates containing three organic anionic ligands having at least one UV absorbing group and component (a) is a compound of formula II, III or IV



wherein Ln represents a lanthanide,

n denotes 3, m denotes a number from 0 to 4, in which

when n is 3, m denotes a number from 0 to 4 and L is a neutral monodentate or polydentate nitrogen-, oxygen- or sulfur-containing ligand,

R<sub>2</sub>, is hydrogen or C<sub>1</sub>-C<sub>6</sub>alkyl, and

R<sub>1</sub> and R<sub>3</sub> are each independently of the other hydrogen, C<sub>1</sub>-C<sub>6</sub>alkyl, -CF<sub>3</sub>, C<sub>5</sub>-C<sub>24</sub>aryl or

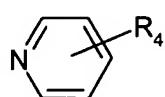
C<sub>4</sub>-C<sub>24</sub>heteroaryl and

(b) one or more solvents.

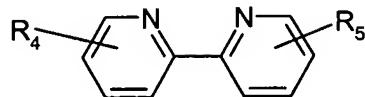
2-3. (cancelled).

4. (previously presented): A process according to claim 1, wherein L is a nitrogen-containing ligand.

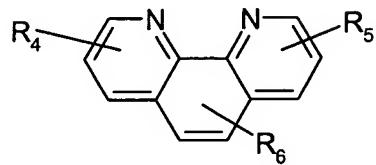
5. (previously presented): A process according to claim 1, wherein L is a compound of formulae V to XII



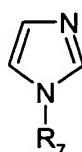
(V),



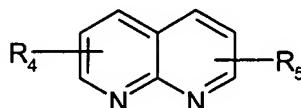
(VI),



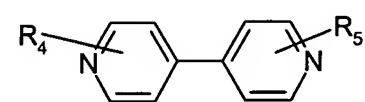
(VII),



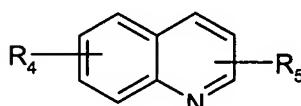
(VIII),



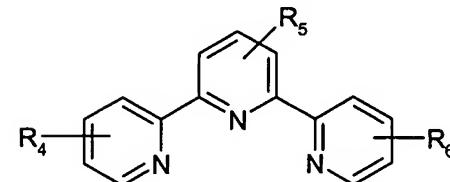
(IX),



(X),



(XI),



(XII),

or a cation of the formula  $\text{H-N}^+(\text{R}_7)_3$ ,

wherein  $\text{R}_4$ ,  $\text{R}_5$  and  $\text{R}_6$  are each independently of the other hydrogen, halogen,  $\text{C}_1\text{-C}_6$ alkyl,  $\text{C}_5\text{-C}_{24}$ aryl,  $\text{C}_6\text{-C}_{24}$ aralkyl,  $\text{C}_1\text{-C}_6$ alkoxy, amino, dialkylamino or a cyclic amino group and  $\text{R}_7$  is hydrogen,  $\text{C}_1\text{-C}_6$ alkyl,  $\text{C}_5\text{-C}_{24}$ aryl,  $\text{C}_6\text{-C}_{24}$ aralkyl or vinyl.

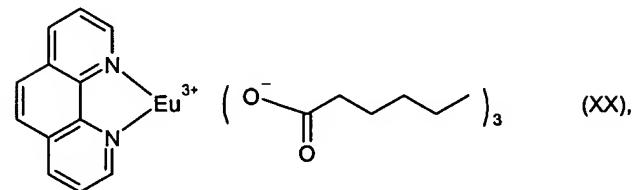
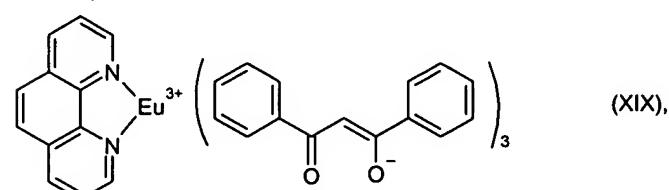
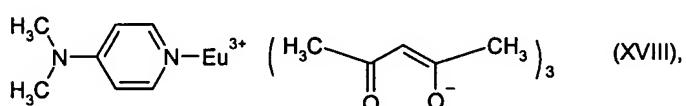
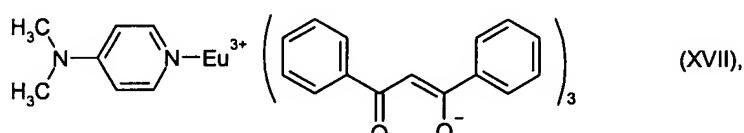
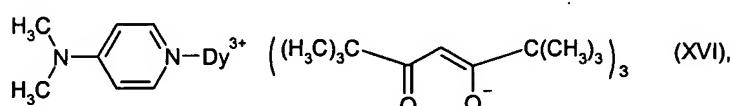
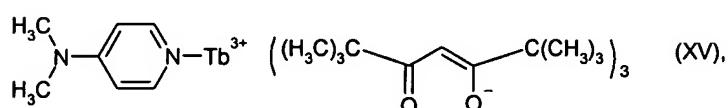
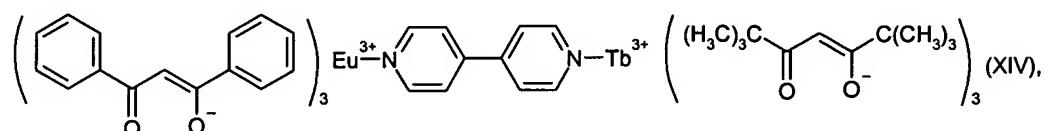
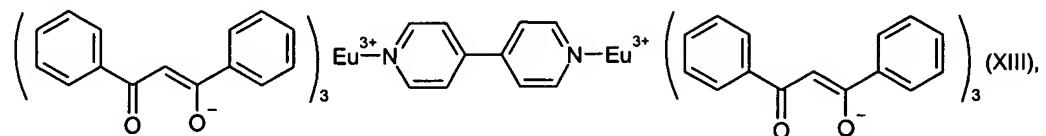
6. (previously presented): A process according to claim 5, wherein component (a) is a compound of formula II wherein L is a compound of formula V, VI, VII, VIII, IX, X, XI or XII wherein  $\text{R}_4$ ,  $\text{R}_5$  and  $\text{R}_6$  are hydrogen, methyl, amino, pyrrolidino or dimethylamino or L is a cation of the formula  $\text{H-N}^+(\text{R}_7)_3$  wherein  $\text{R}_7$  is  $\text{C}_1\text{-C}_6$ alkyl.

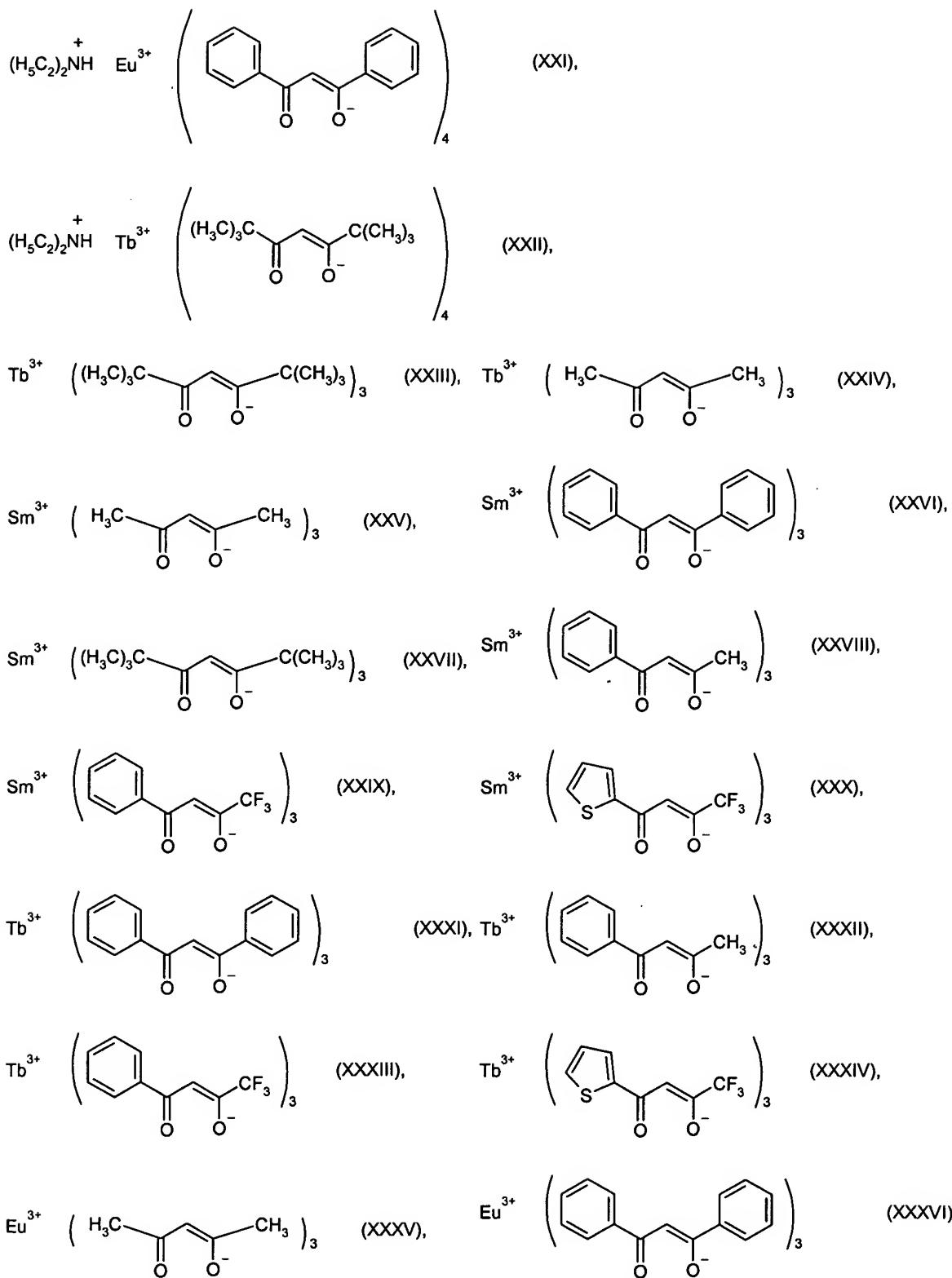
7. (previously presented): A process according to claim 1, wherein wherein  $\text{Ln}$  is Eu, Tb, Dy, Sm or Nd.

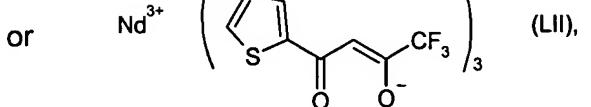
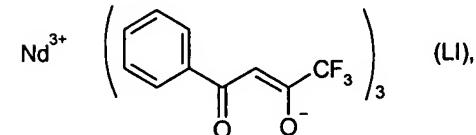
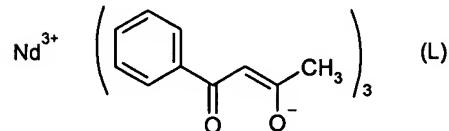
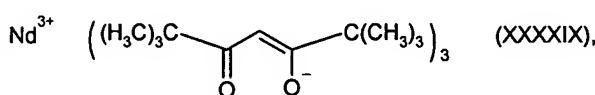
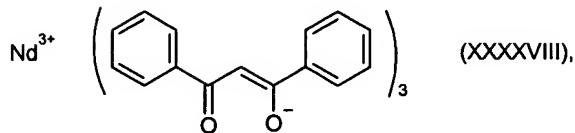
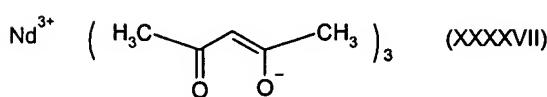
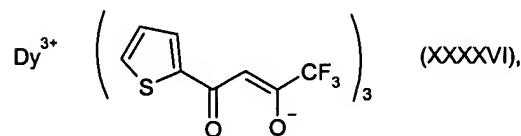
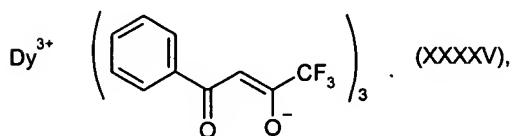
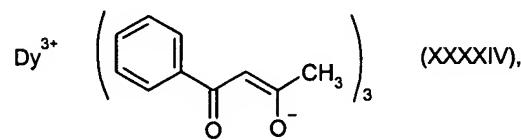
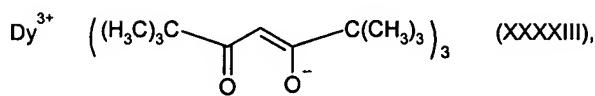
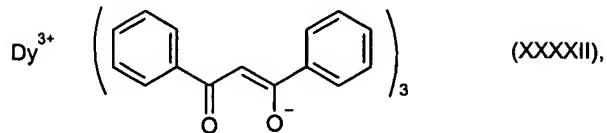
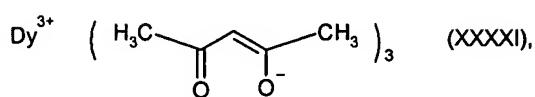
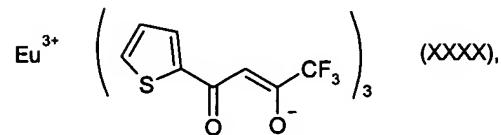
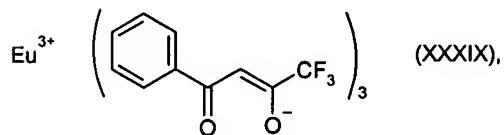
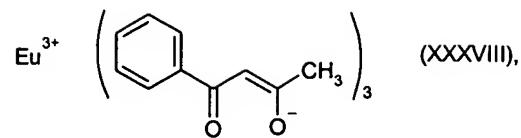
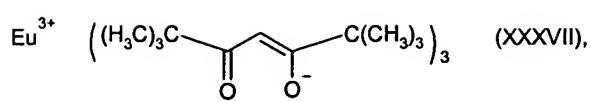
8. (previously presented): A process according to claim 1, wherein component (a) is a compound of formula II or III wherein  $\text{R}_1$  and  $\text{R}_3$  are methyl, t-butyl, n-pentyl or phenyl.

9. (previously presented): A process according to claim 1, wherein component (a) is a compound of formula II wherein  $\text{R}_2$  is hydrogen.

10. (previously presented): A process according to claim 1, wherein component (a) is a compound of formula XIII to LII







11. (previously presented): A process according to claim 1, wherein component (b) is water, one or more water-miscible organic solvents or a mixture of water and one or more water-miscible organic solvents.

12. (previously presented): A process according to claim 11, wherein the water-miscible organic solvent is an aliphatic alcohol, etheralcohol, glycol, aliphatic ketone, carboxylic acid ester, carboxylic acid amide, aliphatic nitrile, aliphatic polyether or aliphatic sulfoxide.

13. (previously presented): A process according to claim 11, wherein the water-miscible organic solvent is selected from the group consisting of ethanol, 2-butoxyethanol, ethylene glycol, propylene glycol, acetone, 2-butanone, ethyl acetate, tetrahydrofuran (THF), dimethylformamide (DMF), dimethylacetamide (DMA), N-methylpyrrolidone (NMP), acetonitrile, polyethyleneglycol dimethyl ether and dimethylsulfoxide (DMSO).

14. (previously presented): A process according to claim 1, wherein the composition contains 0.01 to 20.0 % by weight of component (a) and 80.0 to 99.99 % by weight of component (b), based on the total amount of components (a) + (b).

15. (previously presented): A process according to claim 1, wherein the composition contains additionally

(c) one or more colorants.

16. (previously presented): A process for the preparation of luminescent plastics, wherein the plastics material is extruded in the presence of 0.01 – 10.0 % by weight, based on the amount of polymeric material, of a compound of formula II or III according to claim 1.

17. (original): A luminescent textile fibre prepared by the process according to claim 1.

18. (original): A luminescent plastic prepared by the process according to claim 16.

19. (original): A process according to claim 1 wherein the polymeric fibres are paper fibres or synthetic fibres.

20. (previously presented): A method for the preparation of anti-counterfeit documents, cards, cheques or banknotes which comprises incorporating therein a luminescent polymeric fibre prepared by the process according to claim 1.